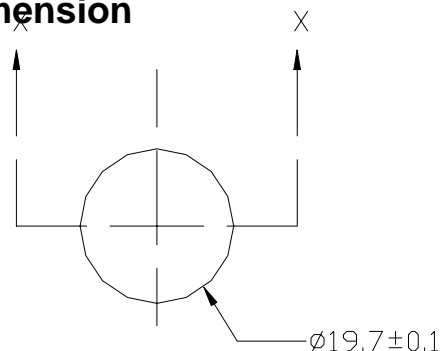


BriLux Optical Lens Series

BTO-QFX-20



Package Dimension

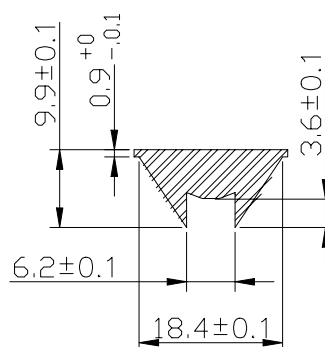


Features

- Highest Optical Efficiency, up to 95%
- Highest Optical grade Polycarbonate
- Optimized for Luxeon, BTP-87 and BTP-89 series LED's
- Thermally stable
- Efficiently collimate the light into variety of beam shapes (output angles)

Applications




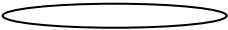
- Spot Light/Flood Light
- Signals/Beacons
- Wall wash lighting
- Portable Lighting/Flashlight



SECTION X-X

Notes: Specification is subjected to change without notice.

Product Selection

PART NUMBER	Lens Color	Lens Diameter	BEAM ANGLE (deg)	BEAM SHAPE	
BTO-QF0-20	Water Clear	19.7 mm	6°	Narrow/Spot	
BTO-QF1-20	Water Clear	19.7 mm	15°	Medium	
BTO-QF2-20	Water Clear	19.7mm	25°	Wide Circular	
BTO-QF3-20	Water Clear	19.7 mm	25°X 6°	Elliptical	

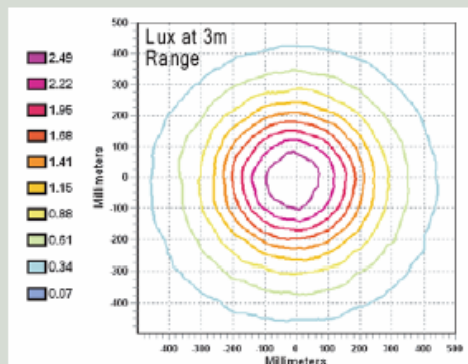
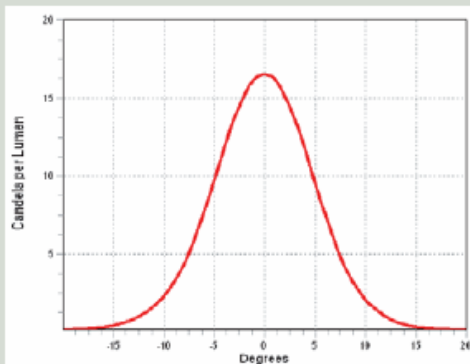
Notes:

1. Lens can be supplied separately or with holders. Please contact us for more information on the variety of high quality holders

Circular Narrow Beam Optic

BTO-QF0-20

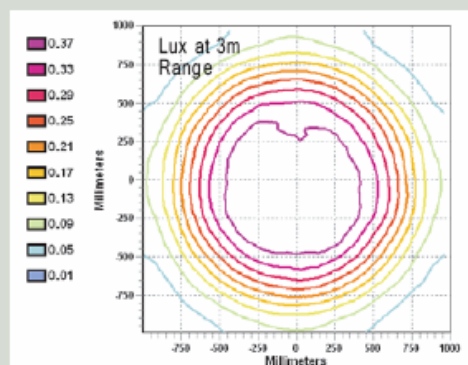
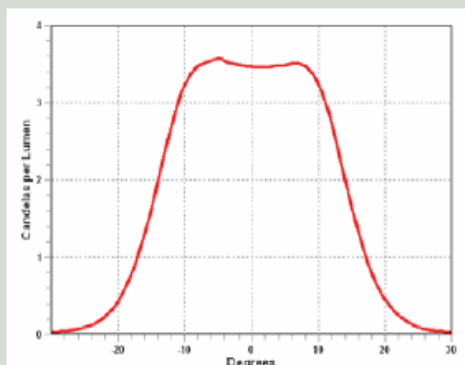
Typical half angle divergence
 $6^{\circ} \pm 1^{\circ}$ when used with 1W
White Luxeon LED



Circular Medium Beam Optic

BTO-QF1-20

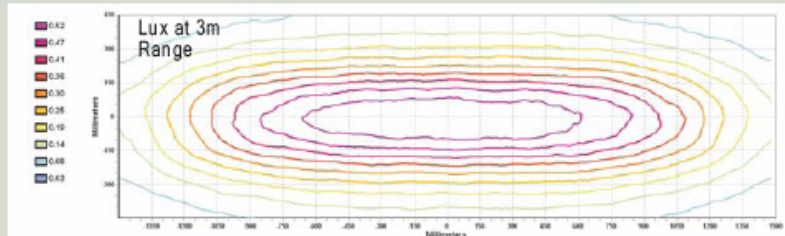
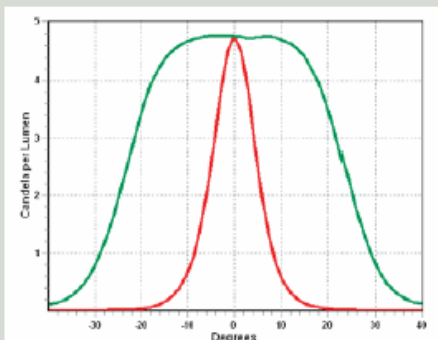
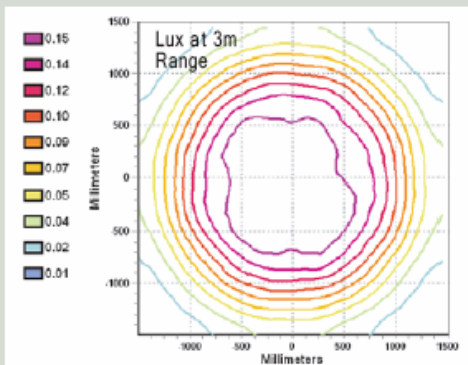
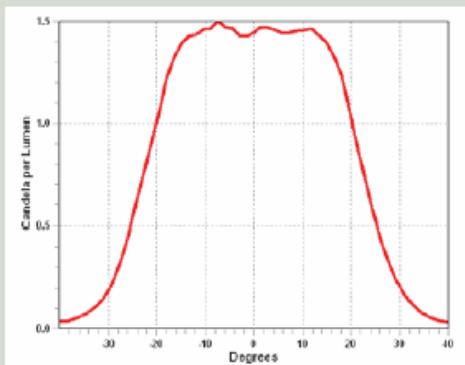
Typical half angle divergence
 $15^{\circ} \pm 2^{\circ}$ when used with 1W
White Luxeon LED



Circular Wide Beam Optic

BTO-QF2-20

Typical half angle divergence
 $25^{\circ} \pm 3^{\circ}$ when used with 1W
White Luxeon LED



Typical half angle divergence $25^{\circ} \times 6^{\circ} \pm 3^{\circ}$
when used with 1W White Luxeon LED

Elliptical (Line) Beam Optic

BTO-QF3-20

Notes: Measurements have been made with a 1W Luxeon Lambertian LED. The measured efficiency for all optics is approx 85%.

Unit 3003 Top Office, Glittery City, No.3027 Shennan Road Central, Shenzhen, China PRC
TEL +86.755.8329.7719 • FAX +86.755.8329.7782 • sales@brilliance-tech.com

www.brilliance-tech.com